## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6593	((118/724,725,728-730) or (156/345.51-345.53)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:25
L2	10089	(heat\$3) with (sheet foil tubular tube coil) same (electrode cathode anode) same (thick\$3 thickness\$3 depth deep girth)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 14:27
L3	71	1 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 14:27
L4	4039	((heat\$3) with (sheet foil tubular tube coil) same (electrode cathode anode) with (thick\$3 thickness\$3 depth deep girth)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 14:28
L5	1667	(heat\$3) with (sheet foil tubular tube coil) with (thick \$3 thickness\$3 depth deep girth) same (electrode cathode anode) with (thick \$3 thickness\$3 depth deep girth)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 14:28
L6	6108	"5" and 1	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 14:28
L7	8	5 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 14:28
L9	37	("4645218"   "5155652"   "517506"   "5280156"   "5376213"   "5460684"   "5478429"   "5527584"   "5529657"   "5581874"   "5600530"   "5606484"   "5625526"   "5695260"   "5671116"   "5737178"   "5745331"   "5737178"   "5745331"   "5818693"   "5827585"   "586664"   "5948650"   "5988813"   "5948650"   "5988813"   "596874"   "5978202"   "6048434"   "6072685"   "6094334").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23
L10	35	9 and (thickness thick depth deep mm inches cm mil)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 15:07

L11	18	9 and heat\$3 with (thickness thick depth deep mm inches cm mil)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 15:09
L12	87	("4025997"   "4184188"   "4384918"   "4480284"   "4502094"   "4536645"   "4645218"   "4665463"   "4692836"   "4724510"   "4831212"   "4897171"   "4831212"   "4969168"). FN. OR ("5155652").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23
L13	28	12 and heat\$3 with (thickness thick depth deep mm inches cm mil)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 15:20
L16	1	10/596544	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 16:04
L17	1	("5766364").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 16:18
L18	26507	(heat\$3) with (thick\$3 thickness\$3 depth deep girth) and (electrode cathode anode) with (thick \$3 thickness\$3 depth deep girth)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 18:39
L19	130	18 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 18:39
L20	10619	(heater heating) with (thick \$3 thickness\$3 depth deep girth) and (electrode cathode anode) with (thick \$3 thickness\$3 depth deep girth)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 18:39
L21	2422	"29" and 1	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 18:39
L22	77	20 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 18:39
L23	25	("5566043").PN. OR ("5663865").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 19:28
L24	115	(heater heating) near2 (thick thickness) and 1	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 19:37
L25	23	("5034688"   "5314541"   "5397396"   "5558717"   "5591269"   "5595241"   "5635093"   "5665166"   "5904872").PN. OR ("6147334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 19:41

L26	35	("2007111"   "2179934"   "3110795"   "4313783"   "4457359"   "4458746"   "4512391"   "4527620"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:07
		"4565601"   "4567938"   "4603466"   "4724621"   "5033538"   "5057673"   "5090000"   "5096536"   "5133284"   "5155062"   "5290381"   "5350479"   "5350479"   "5350479"   "5356476"   "536231"   "5462603"   "5522131"   "5462603"   "5522131"   "5462603"   "6147334"   "6150636"   "6140331"). PN.				
_27	26	26 and (thick thickness depth deep inches mm cm)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:09
L28	4	("3774299"   "4091355"   "4471212"   "4783586"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:14
L29	7	("6043468").URPN.	USPAT	OR	ON	2009/09/23 20:15
L30	7	("6043468").URPN.	USPAT	OR	ON	2009/09/23 20:22
L31	4	("3774299"   "4091355"   "4471212"   "4783586"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:22
L32	8	("5033538"   "5034688"   "5099571"   "5213349"   "5651823"   "5846375"   "6053982"   "6147334"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:25
L33	14	("5151871"   "5595241"   "5716207"   "5842005"   "5850071"   "5884009"   "6035101"   "6054688"   "6062852"   "6087632"   "6147334"   "6221437"   "6276072").FN. OR ("6897411").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:28
L34	23	("5034688"   "5314541"   "5397396"   "5558717"   "5591269"   "5595241"   "5635093"   "5665166"   "5904872").FN. OR ("6147334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:32

L35	53	["5059770"   "5126533"   "5288499"   "5343022"   "5343938"   "5397396"   "5462603"   "5482558"   "5484011"   "5516367"   "5558717"   "5589003"   "5599224"   "5595241"   "5775416"   "5796074"   "5817156"   "5796074"   "5817156"   "5095101") URFN. OR ("6005101") URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:32
L36	5	"6660975"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 20:52
L37	38	("2007111"   "2179934"   "3110795"   "4313783"   "4457359"   "445746"   "4512391"   "4527620"   "4565601"   "4567938"   "4503468"   "5057673"   "5090900"   "5096536"   "5290381"   "5057673"   "538241"   "5155062"   "5290381"   "5356476"   "5382411"   "5456757"   "5482603"   "5522131"   "548755"   "5904872"   "6043468"   "6147334"   PN. OR ("6660975") URPN.	US-PGPUB; USPAT; USOOR	ÖR	ON	2009/09/23 20:53
L38	47	(heater heating) same (thick thickness thicknesses depth deep) near2 (diameter) and 1	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 21:03
L39	28	(heater heating) near2 (diameter) same (thick thickness thicknesses depth deep) and 1	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 21:03
L40	16	US-5766364-\$.DID. OR US-6569257-\$.DID. OR US-6538872-\$.DID. OR US-5968379-\$.DID. OR US-5158644-\$.DID. OR US-20010001954-\$.DID. OR US-20020626-\$.DID. OR US-1683177-\$.DID. OR US-1683177-\$.DID. OR US-1331018-\$.DID.	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/23 22:12
L41	2	((NITYALENDRA) near2 (SINGH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 22:14
L42	2	((ROGER) near2 (CROAD)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 22:14

S1	3	(("5766364") or ("6569257") or ("6538872") or ("2001001954")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 18:39
S2	4	(("5766364") or ("6569257") or ("6538872") or ("20010001954")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 18:42
83	1	(09/203816).APP.	USPAT; USOCR	OR	OFF	2009/03/03 18:43
S4	2	("5886863").PN. OR ("6383302").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 18:43
S5	62	("4159075"   "4273282"   "4962441"   "5055964"   "5280156"   "5324053"   "5413360"   "5539609"). PN. OR ("5886863").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 18:44
S6	36	("5595606"   "5653806"). PN. OR ("5766364").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 18:56
S7	36	("4645218"   "5155652"   "5191506"   "5280156"   "5376213"   "5460684"   "5478429"   "5527584"   "5529657"   "5581874"   "560530"   "5606484"   "5625526"   "55685260"   "5671116"   "5737178"   "5745331"   "5318693"   "5827585"   "5858100"   "5827585"   "5858100"   "5828663"   "588864"   "5988747"   "597222"   "6048434"   "6072685"   "6094334"), PN. OR ("6538872") URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03
S8	5	("5290381"   "5567267"   "5851298"   "6084215"   "6538872").PN. OR ("6838646").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 19:05
S9	1001	electrode near2 thick\$4 with heat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 19:10
S10	11	\$9 AND ("118").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 19:10
S11	2653	((118/725) or (156/345.52)).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/07 11:45
S12	1695	S11 and (thickness depth)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 11:45
<b>S</b> 13	288	S11 and (thickness depth). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 11:46
S14	25	("5566043").PN. OR ("5663865").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 15:20
<b>S</b> 15	939	(361/234).OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/07 16:46

S16	795	S15 and semiconductor	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 16:46
S17	589	S16 and (thickness depth)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 16:47
S18	10	S16 and (thickness depth) near (heat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 16:49
S19	109	S16 and (thickness depth) with (heat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 16:53
S20	17	("5909354"   "5981913"). PN. OR ("6120661").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 17:08
S21	496	S17 and heat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 17:16
S22	17	("5909354"   "5981913"). PN. OR ("6120661").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 17:23
S23	6463	((118/724,725,728-730) or (156/345.51-345.53)). OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/07 17:27
S24	970	\$23 and heat\$4 with thickness	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 17:27
S25	121	S23 and heat\$4 with thickness.clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 17:27
<b>S2</b> 6	1	("5220171").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/07 17:39
S27	44	("5093579"   "5126571"). PN. OR ("5220171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 17:42
S28	184	S23 and heat\$4 near2 thickness	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 17:48
S29	139	S28 not S25	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/07 17:49
S30	19	(US-20050211385-\$ or US- 20080083732-\$ or US- 20030161088-\$ or US- 200301631088-\$ or US- 20030183341-\$ or US- 20030183341-\$ or US- 20060144516-\$), did. or (US-6134096-\$ or US- 5838646-\$ or US-5663865- \$ or US-580618-\$ or US- 5280156-\$ or US-6120661- \$ or US-5344492-\$ or US- 5376213-\$ or US-5994678- \$ or US-6189482-\$ or US- 6646235-\$ or US-6924464- \$ or US-6956186-\$), did.	US-PGPUB; USPAT	OR	ON	2009/05/18
S31	9	S30 and (nickel ni)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/18 10:52
S32	2	("5909354"   "5981913"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/18 11:10

S33	4	(("5766364") or ("6569257") or ("6538872") or ("20010001954")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 11:15
S34	2	("2001/0029895").URPN.	USPAT	OR	ON	2009/09/23 13:02
S35	1	("5766364").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 13:12
S36	2	(("6189482") or ("6538872")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 13:14
S37	1	10/596544	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 13:30
S38	2	(("6538872") or ("6569257")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 13:36
\$39	72	("4565601"   "4567938"   "4778559"   "4778559"   "4778559"   "479709"   "4842683"   "5231690"   "522807"   "528067"   "528067"   "528067"   "5431421"   "5482558"   "5516367"   "5520742"   "5550742"   "5562934"   "5563632"   "55636373"   "5568333"   "5705000"   "5720818"   "5790800"   "5763632"   "576546"   "57656337"   "576546"   "57663637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "5765637"   "576637"	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/23
S40	2	(("6538872") or ("6569257") or ("2001001954")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:24
S41	0	"2001001954"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 14:24
S42	1	"20010001954"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 14:24

<sup>9/23/2009 10:15:15</sup> PM

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